

Aggravation of Myocardial Ischemia upon Particulate Matter Exposure in Atherosclerosis Animal Model

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Materials

Name	Company	Catalog Number	Comments
2,2,2-Tribromoethanol	Sigma-Aldrich	T48402	
75% alcohol disinfectant			
Animal ventilator	Shanghai Alcott Biotech	ALC-V8S	
Cotton swabs			Sterile
Cotton swabs for babies			Sterile , Approximately 3 mm in diameter
Culture Dish	Corning	430597	150 mm x 25 mm
Diesel Particulate Matter	National Institute of Standards Technology	1650b	
Dissection board			About 25 x 17 cm. The dissecting board can be replaced with a wooden board of the same size
High-fat diet for mice			Prescription: egg yolk powder 10%, lard 10%, sterol 1%, maintenance feed 79%
Iodophor disinfectant			
LED spotlight			5 V, 3 W,with hoses and clamps
Medical silk yarn ball	Shanghai Medical Suture Needle Factory Co., Ltd.	-	0-0
Medical tape	3M	1527C-0	
Micro Vascular Hemostatic Forceps	Shanghai Medical Instruments (Group) Ltd., Corp. Surgical Instruments Factory	W40350	
Needle Holders	Shanghai Medical Instruments (Group) Ltd., Corp. Surgical Instruments Factory	JC32010	
Normal saline			
Ophthalmic Scissors	Shanghai Medical Instruments (Group) Ltd., Corp. Surgical Instruments Factory	Y00040	

Ophthalmic tweezer, 10cm, curved, with hooks	Shanghai Medical Instruments (Group) Ltd., Corp. Surgical Instruments Factory	JD1080	
Ophthalmic tweezer, 10cm, curved, with teeth	Shanghai Medical Instruments (Group) Ltd., Corp. Surgical Instruments Factory	JD1060	
Pipet Tips	Axygen	T-200-Y-R-S	0-200 μ L
Pipette	eppendorf	3121000074	100 μ L
Safety pin			Approximately 4.5 cm in length , for making chest opening tools
Small Animal I.V. Cannulas	Baayen healthcare suzhou	BAAN-322025	I.V CATHETER 22FG x 25 MM
Suture needle with thread	Shanghai Medical Suture Needle Factory Co., Ltd.	-	6-0,Nylon line
Suture needle with thread	JinHuan Medical	F503	5-0
Syringe			1 mL
Tert-amyl alcohol			
Zoom-stereo microscope	Mshot	MZ62	